

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT (US)
(Use several sheets if necessary)

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2002_0072ASERIAL NO.
10/048,226APPLICANT
Hiroyuki HAYASHIKAWA et al.FILING DATE
May 13, 2002GROUP
2881

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TN	AA	4,287,487	9/1/81	Kuwabara et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AJ							
	AK							
	AL							
	AM							
	AN							

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

TN	AO	Patent Abstracts of Japan, vol. 014, no. 502 (E-0997), November 2, 1990 (11/2/90) & JP 02 208984 A (Amada Co., Ltd.), August 20, 1990 (8/20/90), Abstract, Figure 1
	AP	
	AQ	

EXAMINER

DATE CONSIDERED